

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L36	3	lens adj (barrel or tube or cylinder) with tool adj (mark or groove or slot)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/19 12:51
L54	95	US-5574526-\$. DID. OR US- 4786057-\$.DID. OR US- 5652923-\$.DID. OR US- 5854711-\$.DID. OR US- 5973857-\$.DID. OR US- 6141158-\$.DID. OR US- 4486074-\$.DID. OR US- 4542972-\$.DID. OR US- 5223981-\$.DID. OR US- 5270765-\$.DID. OR US- 5477271-\$.DID. OR US- 5724194-\$.DID. OR US- 5790902-\$.DID. OR US- 6043892-\$.DID. OR US- 4322615-\$.DID. OR US- 4461544-\$.DID. OR US- 4804831-\$.DID. OR US- 5212516-\$.DID.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/11/19 13:52

OR US-
5278601-\$.DID.
OR US-
5387960-\$.DID.
OR US-
5455649-\$.DID.
OR US-
5583603-\$.DID.
OR US-
5627670-\$.DID.
OR US-
5771412-\$.DID.
OR US-
6041186-\$.DID.
OR US-
6061318-\$.DID.
OR US-
6163340-\$.DID.
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4257272-\$.DID.
OR US-
4257705-\$.DID.
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4293864-\$.DID.
OR US-
4299462-\$.DID.
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4308527-\$.DID.
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4320945-\$.DID.
OR US-
4327284-\$.DID.
OR US-
4364649-\$.DID.
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4370038-\$.DID.
OR US-
4390977-\$.DID.
OR US-
4412164-\$.DID.
OR US-
4504935-\$.DID.
OR US-
4509840-\$.DID.
OR US-
4511932-\$.DID.
OR US-
4527888-\$.DID.
OR US-

		4530042-\$.DID. OR US- 4534624-\$.DID. OR US- 4563705-\$.DID. OR US- 4573924-\$.DID. OR US- 4607913-\$.DID. OR US- 4782394-\$.DID. OR US- 4782396-\$.DID.				
L55	1	((HE-WON) near2 (JUNG)). INV.	US-PGPUB; USPAT	ADJ	ON	2009/11/19 13:56
L56	3	((HYEONG- RYEOL) near2 (OH)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/11/19 13:56

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L37	3	lens adj (barrel or tube or cylinder) with tool adj (mark or groove or slot)	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/11/19 12:53
L38	1	(lens adj (barrel or tube or cylinder) with tool adj (mark or groove or slot)). dm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/11/19 12:53
L39	1	(actuator or motor) with piezoelectric adj element with (fix \$4 or install\$8 or arrang\$8 or dispos \$4 or plac\$4) with ((compensat\$4 adj lens) and (stationary or fix \$4) adj (part or	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/11/19 12:55

L40	0	(actuator or motor) with piezoelectric adj element with (fix \$4 or install\$8 or arrang\$8 or dispos \$4 or plac\$4) with ((compensat\$4 adj lens) and (focus\$4 adj driv \$4) adj (part or portion))	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/11/19 12:58
L41	1	((actuator or motor) with piezoelectric adj element with (fix \$4 or install\$8 or arrang\$8 or dispos \$4 or plac\$4) with ((compensat\$4 adj lens) and (stationary or fix \$4) adj (part or portion))).clm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/11/19 12:59
L42	1	restor\$7 adj (member or means or portion) with (restor\$7 or reinstate or amend \$8 or reestablish \$7 or return\$4) with driv\$5 adj (part or portion or section or means or member) with (start\$4 or initial or first or end) adj (position or place or locat\$4)	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/11/19 13:04

L43	1	(restor\$7 adj (member or means or portion) with (restor\$7 or reinstate or amend \$8 or reestablish \$7 or return\$4) with driv\$5 adj (part or portion or section or means or member) with (start\$4 or initial or first or end) adj (position or place or locat\$4)).clm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/11/19 13:05
L44	0	(restor\$7 adj (member or means or portion) with (restor\$7 or reinstate or amend \$8 or reestablish \$7 or return\$4) with actuator with driv\$5 adj (part or portion or section or means or member) with (start\$4 or initial or first or end) adj (position or place or locat\$4)).clm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/11/19 13:06
L45	1	(actuator or motor) with piezoelectric adj element with (fix \$4 or install\$8 or arrang\$8 or dispos \$4 or plac\$4) with ((compensat\$4 adj lens) and (focus\$4 or zoom) adj driv\$4 adj (part or portion))	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/11/19 13:16

L46	1	((actuator or motor) with piezoelectric adj element with (fix \$4 or install\$8 or arrang\$8 or dispos \$4 or plac\$4) with ((compensat\$4 adj lens) and (focus\$4 or zoom) adj driv\$4 adj (part or portion))). cfm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/11/19 13:17
L47	1	restor\$7 adj (member or means or portion or spring or coil) with (restor\$7 or reinstat\$4 or amend\$8 or reestablish\$7 or return\$4) with (focus\$4 or zoom \$4) adj driv\$5 adj (part or portion or section or means or member) with (start\$4 or initial or first or end) adj (position or place or locat\$4)	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/11/19 13:26
L48	1	(restor\$7 adj (member or means or portion or spring or coil) with (restor\$7 or reinstat\$4 or amend\$8 or reestablish\$7 or return\$4) with (focus\$4 or zoom \$4) adj driv\$5 adj (part or portion or section or means or member) with (start\$4 or initial or first or end) adj (position or place	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/11/19 13:26

		or locat\$4)).clm.				
L49	1	(suspens\$6 adj (member or means or part or portion or spring or coil)) with (between) with ((stationary or fix \$4) adj (part or portion or member) and (focus\$4 or zoom \$4) adj driv\$4 adj (part or portion or section))	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/11/19 13:37
L50	1	((suspens\$6 adj (member or means or part or portion or spring or coil)) with (between) with ((stationary or fix \$4) adj (part or portion or member) and (focus\$4 or zoom \$4) adj driv\$4 adj (part or portion or section))).clm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/11/19 13:38
L51	0	first adj zoom adj transition adj path	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/11/19 13:44
L52	1	first with zoom adj transition adj path	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/11/19 13:48
L53	24	fifth adj lens adj barrel	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/11/19 13:49
L57	464	(396/133).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2009/11/19 13:57
L58	133	(396/73).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2009/11/19 14:11

L59	111	(396/75).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2009/11/19 14:12
L60	836	(359/824).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2009/11/19 14:17

11/ 19/ 2009 2:33:51 PM

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